EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10581189"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/05/10 09:29
S2	6	(("20020116919") or ("4454846") or "5784880")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/10 09:39
S3	107	@pd<"20031202" and 60/273,274,276,284,285,286,290,294,295,299,300,301,303. ccls. and (preliminary or early or close coupled) near4 (catalyst or catalytic) and (oxygen or "02" or "o.sub.2" or air-fuel or air fuel or air/fuel or lambda or hego) near5 (sensor or probe) and lean and rich	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/05/11 11:11
S4	122	@pd<"20031202" and 60/273,274,276,284,285,286,290,294,295,299,300,301,303. ccls. and (preliminary or early or close coupled) near4 (catalyst or catalytic) and (oxygen or "02" or "o.sub.2" or air-fuel or air fuel or air/fuel or lambda or hego) near5 (sensor or probe) and lean and (less near2 lean or more near2 rich or (increase or decrease) near4 oxygen or ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/05/11 11:18
S5	104	@pd<"20031202" and 60/273,274,276,284,285,286,290,294,295,299,300,301,303. ccls. and (preliminary or early or close coupled) near4 (catalyst or catalytic) and (oxygen or "02" or "o.sub.2" or air-fuel or air fuel or air/fuel or lambda or hego) near5 (sensor or probe) and lean and (less near2 lean or more near2 rich or (increase or decrease) near4 oxygen or ratio) and rich	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/05/11 11:19

S6	84	(Nakagawa near2 Norihisa or Akiyoshi near2 Asuka) and (catalyst or catalytic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/05/11 11:20
S7	60	(Nakagawa near2 Norihisa or Akiyoshi near2 Asuka) and (catalyst or catalytic and (oxygen or "02" or "o.sub.2" or air-fuel or air fuel or air/fuel or lambda or hego) near5 (sensor or probe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/05/11 11:28
S8	25	(Nakagawa near2 Norihisa or Akiyoshi near2 Asuka) and (catalyst or catalytic) and (oxygen or "02" or "o.sub.2" or air-fuel or air fuel or air/fuel or lambda or hego) near5 (sensor or probe) and lean and rich	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/05/11 11:29
S9	2	@pd< "20031202" and (Nakagawa near2 Norihisa or Akiyoshi near2 Asuka) and catalyst or catalytic) and (oxygen or "02" or "o.sub.2" or air-fuel or air fuel or air/ fuel or lambda or hego) near5 (sensor or probe) and lean and rich	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/05/11 11:30
S10	4	("20070156322" | "4320726" | "4391240" | "6694956").PN. OR ("7349791"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/05/11 11:38
S11	9	("5115639" | "5228286" | "5319921" | "6018945" | "6502389" | "6668813" | "6941745").PN. OR ("7159388").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/05/11 11:39
S18	8	("5475975" | "5762055" | "5901691" | "6619277" | "7013873" | "7032374" | "7159388").PN. OR ("7278394").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/05/11 11:41
S19	13	("20030150208" | "5509267" | "5609023" | "5678402" | "5842340" | "5901552" | "5974788" | "6216450" | "6374596" | "6546719" | "6553754" | "6622478" | "6751947").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/05/11 11:47
S20	36	("5099647" | "5127225" | "5159810" | "5426934").PN. OR ("5509267").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/05/11 11:55
S21	34	("5279115" | "5345911" | "5414996" | "5509267" | "5678402" | "5740676" | "5937638" | "5970707" | "6116021" | "6138453" | "6145304" | "6185929" | "6253541" | "6256981" | "6256983" | "6336320" | "6345498" | "6477833" | "6494038" | "6519932" | "6539707" | "6619032" | "6622478" | "6629409" | "6637194" | "6655129" | "6672053" | "6718754" | "6739122" | "6751947" | "6751950" | "6850165" | "6915628" | "6976356").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/05/11 11:57

S22	17	(US-20030150208-$).did. or (US-7349791-$ or US-7159388-$ or US-7059120-$ or US-6619277-$ or US-6941745-$ or US-6668813-$ or US-5228286-$ or US-6622478-$ or US-6553754-$ or US-6374596-$ or US-5901552-$ or US-7165389-$ or US-6915628-$ or US-6751950-$ or US-6672053-$).did.	US-PGPUB; USPAT	ADJ	OFF	2010/05/11 12:13
S23	8	S22 and idle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/05/11 12:13
S24	2	("20060053537").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/11 14:02
S25	86	@pd< "20031202" and 60/273,274,276,284,285,286,290,294,295,299,300,301,303. ccls. and (preliminary or early or close coupled or pup or start) near4 (catalyst or catalytic or converter) and (oxygen or "02" or "o.sub.2" or air-fuel or air fuel or air/fuel or lambda or hego) near5 (sensor or probe) and first near5 (lean or lean air-fuel or air fuel or air/fuel) and second near5 (lean or lean air-fuel or air fuel or air/fuel) and rich	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/05/11 14:58
S26	78	@pd< "20031202" and 60/273,274,276,284,285,286,290,294,295,299,300,301,303. ccls. and (preliminary or early or close coupled or pup or start) near4 (catalyst or catalytic or converter) and (oxygen or "02" or "o.sub.2" or air-fuel or air fuel or air/fuel or lambda or hego) near5 (sensor or probe) and first near5 (lean or lean air-fuel or air fuel or air/fuel) and second near5 (lean or lean air-fuel or air fuel or air/fuel) and rich and (downstream or under floor or underfloor or under-floor) near6 (catalyst or catalytic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/05/11 14:59
S27	4	("2003049681").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/11 15:52
S28	1	2003-305572.NRAN.	DERWENT	ADJ	OFF	2010/05/11 15:53

S29	2	("0218034").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/11 16:00
S30	0	("wo218034").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/11 16:00
S31	3	"0218034"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/05/11 16:00
S32	1	2002-339645.NRAN.	DERWENT	ADJ	OFF	2010/05/11 16:00
S33	3	(("6199373") or ("5974788")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/12 09:03
S34	21	(US-20030150208-$ or US-20030213233-$).did. or (US-7349791-$ or US-7159388-$ or US-7059120-$ or US-6619277-$ or US-6941745-$ or US-6668813-$ or US-5228286-$ or US-6622478-$ or US-6553754-$ or US-6374596-$ or US-5901552-$ or US-7165389-$ or US-6915628-$ or US-6751950-$ or US-6672053-$ or US-6539707-$ or US-6477833-$ or US-6311482-$ or US-6199373-$).did.	US-PGPUB; USPAT	ADJ	OFF	2010/05/12 09:12
S35	9	S34 and idle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/05/12 09:12

EAST Search History (Interference)

Ref #	Hits	Search Query		DBs	Default Operator	Plurals	Time Stamp

L3	0	(intermediate lean).clm. and (60/277,284,286,301.ccls.)	US-PGPUB; USPAT; UPAD	ADJ	OFF	2010/05/13 10:42
L4	0	(intermediate lean).clm. and (60/277,284,286,301,285.ccls.)	US-PGPUB; USPAT; UPAD	ADJ	OFF	2010/05/13 10:42
L5	0	(intermediate lean).clm. and (60/285.ccls.)	US-PGPUB; USPAT; UPAD	ADJ	OFF	2010/05/13 10:43
L7	0	(intermediate lean).clm. and (60/277,284,286,301,285.ccls. or 123/372.ccls.)	US-PGPUB; USPAT; UPAD	ADJ	OFF	2010/05/13 10:44
L8	1	(intermediate lean).clm. and (60/277,284,286,301,285.ccls. or 123/672.ccls.)	US-PGPUB; USPAT; UPAD	ADJ	OFF	2010/05/13 10:44

5/ 13/ 2010 10:55:36 AM
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